

# **iPad App Presentation**



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iPad App Presentation

# BiomeViewer



Biomes

Temperature

Terrain

Wildlife

Anthromes

Precipitation

Climate

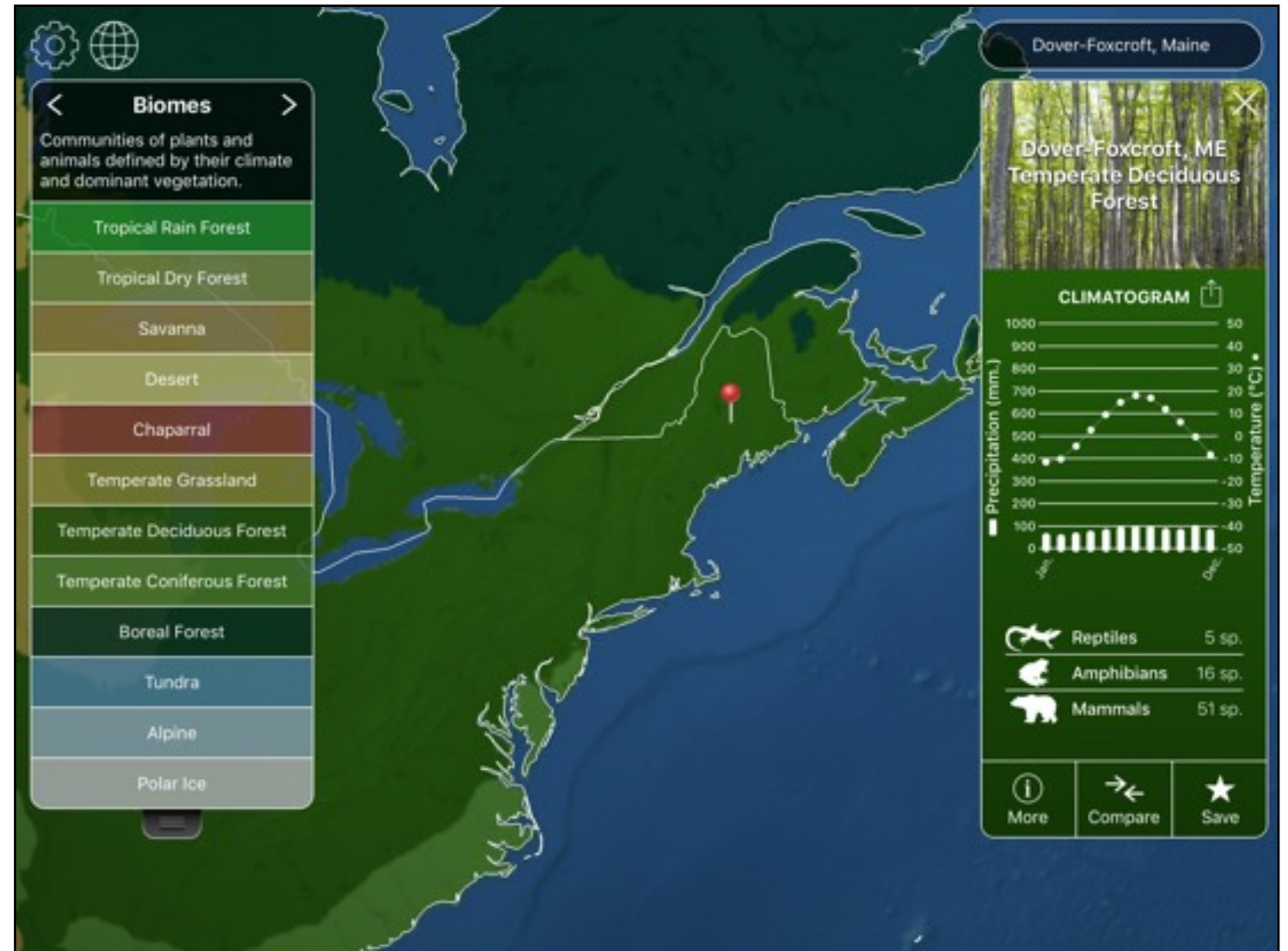
## CHAPTER 1

# Overview

BiomeViewer is a free interactive app that students can use to investigate and compare different biomes. It allows students to "tap" on a biome anywhere in the world and get a detailed description of the plants and animals in that region. It includes visually appealing photos and links to websites with resources for students and teachers.

### Why Should It Be Used in the Classroom?

Along with the detailed descriptions, pictures, and informational accuracy assured by HHMI, this app contains links to numerous classroom resources such as short films, virtual labs, animations, and other interactive features that can be utilized by students and teachers.



### Who Made It?

It was created by the Howard Hughes Medical Institute (HHMI) as part of their BioInteractive website. The app was released in 2016.



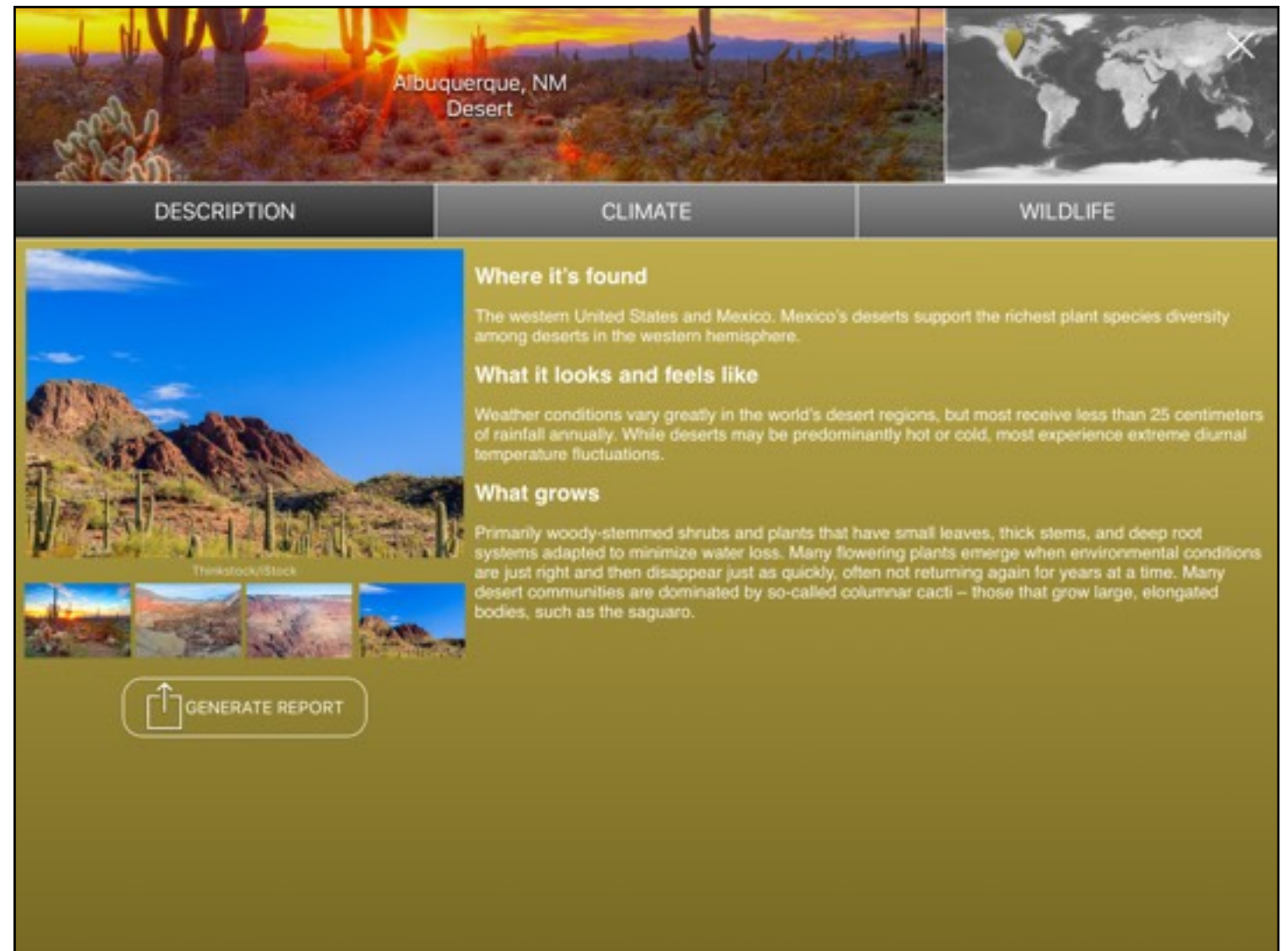
## CHAPTER 2

# In the Classroom

BiomeViewer could be used as a tool for students to conduct research about different biomes. For example, students could choose a biome they would like to research using the app and eventually teach what they've learned to the class.

### Learning Needs

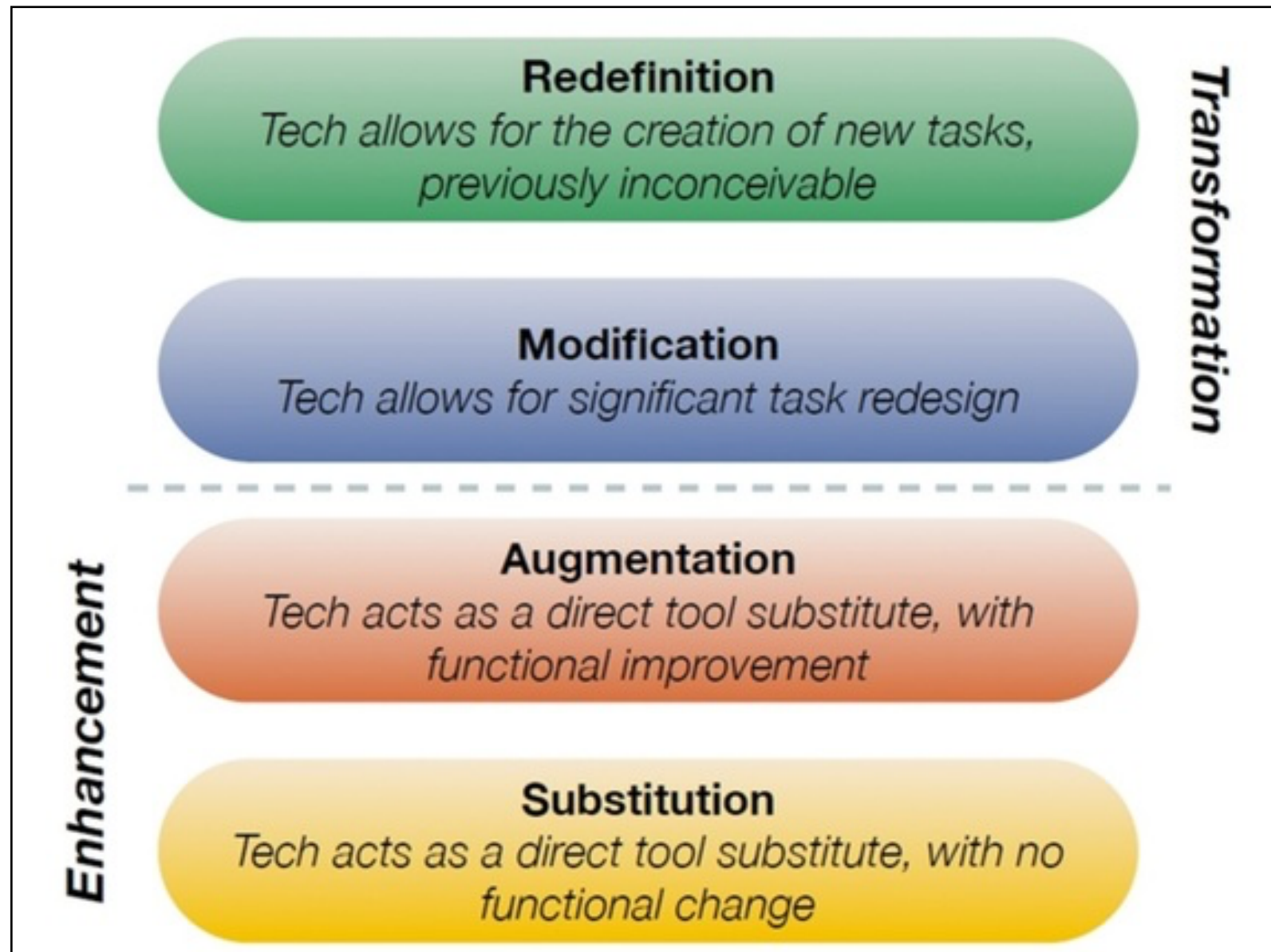
It can be a great resource to learners with visual-spatial intelligence. The interactive feature allows learners to picture where in the world biomes are located. This includes their climate, fauna, and flora.



Another idea, use different features to have students understand the connections between a region's biome, and other factors such as temperature, precipitation, climate, and wildlife.

## CHAPTER 3

# SAMR



### What is SAMR?

A model teachers use to evaluate how they are integrating technology into the student learning.

### My Rating

Augmentation - While the app does include fun interactive features and pictures, there isn't much creative freedom given to the students. Most of the information in the app can be found using the internet. However, the hyperlinks within the app give students the opportunity to further their learning and gives teachers access to various multimedia resources.

# References

- Screenshots of BiomeViewer App used for educational purposes under fair use exemption of the U.S. Copyright Law
- SAMR image created by Dr. Ruben Puentedura; <http://www.hippasus.com/rrpweblog/>